

Mouse Anti-Human Leu-5 Hybridoma

Cat. No. CSC-H0430 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Cell Line Description	The antibody is cytotoxic for Leu-5 positive cells. The cells require NaP, oxaloacetic acid and bovine insulin in the growth medium.
Introduction	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies near the nucleus, but its function is unknown. The gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Alternative splicing of this gene results in three transcript variants which differ only in the 5' UTR.
Immunogen	Human lymphocytes (HLA phenotype A2, A28, B27, Bw4, Cw2)
Immunological Donor	BALB/c mouse spleen
Fusion Species	Mouse X Mouse Hybridoma
Myeloma	Sp2/0
Growth properties	Suspension
Morphology	Lymphoblast

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Propagation	Complete growth medium: RPMI 1640 + 2mM glutamine + 1% Non Essential Amino Acids (NEAA) + 0.05mM 2-mercaptoethanol (2ME) + 10% Foetal Bovine Serum (FBS) Atmosphere: air, 95%; carbon dioxide (CO ₂), 5% Temperature: 37.0 °C
Subculturing	Maintain cultures between 3-9x10 ⁵ cells/ml; 5% CO ₂ ; 37 °C.
Mycoplasma	Mycoplasma Status: Negative (MycoAlert Kit)
Reactivity	Anti-Leu-5
Isotype	IgM
Storage	Liquid nitrogen
Safety Considerations	The following safety precautions should be observed. 1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum. 2. No eating, drinking or smoking while handling the hybridoma. 3. Wash hands after handling the stable line and before leaving the lab. 4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma. 5. All waste should be considered hazardous. 6. Dispose of all liquid waste after each experiment and treat with bleach.
Ship	Dry ice